

Odessa National Medical University
International faculty
Department of infectious diseases with a course of dermatovenereology
SYLABUS OF EDUCATIONAL DISCIPLINE
"DERMATOLOGY, VENEREOLOGY"

Scope of the educational discipline	<i>Total hours per discipline: 90 hours, 3.0 credits</i> <i>Semesters: IX - X</i> <i>5th year of study.</i>
Days, time, place of educational discipline	According to the schedule of classes with a cyclic form of training. Department of infectious diseases with a course of dermatovenereology of ONMedU on the basis of the dermatovenerological unit of the outpatient complex "KNP "Odessa Regional Clinical Antitumor Center" ORC" (Odessa, Vitaliy Nesterenko Str., 5)
Teacher (s)	Shukhtin Vadym – professor of the department, Doctor of Medical Sciences, vadym.shukhtin@onmedu.edu.ua Zapolsky Maksym – professor of the department, Doctor of Medical Sciences, maksym.zapolskyi@onmedu.edu.ua Ashanina Iryna – associate professor of the department, Candidate of Medical Sciences, iryna.ashanina@onmedu.edu.ua Khrushch Viktoriya – associate professor of the department, Candidate of Medical Sciences, viktoriia.khrushch@onmedu.edu.ua Gotsulyak Oleg – assistant of the department, Candidate of Medical Sciences, oleh.hotsuliak@onmedu.edu.ua Kovtun Larysa – associate professor of the department, Candidate of Medical Sciences, larysa.kovtun@onmedu.edu.ua Nitochko Oleg – associate professor of the department, Candidate of Medical Sciences, oleh.nitochko@onmedu.edu.ua Kolesnychenko Olena - assistant of the department, olena.pryschepa2022@gmail.com . Timofeeva Lyudmila – assistant of the department, timofeevaln1972@ukr.net .
Phone number	Information by phone: Kovtun Larysa, head teacher, +38 (050) 9852081, Timofeeva Lyudmila, a laboratory assistant, +38 (095) 205 24 38 E-mail: kdvrem@onmedu.edu.ua Face-to-face consultations: according to the schedule, by prior agreement with the teacher, at Vitaliy Nesterenko Str., 5, 2nd floor, Department of infectious diseases with a course of dermatovenereology, ONMedU

Online consultations: according to the schedule, by prior arrangement with the teacher, from 16.00 to 17.30 on the Microsoft Teams (MS) or ZOOM platform.

COMMUNICATION

Communication with higher education applicants will be carried out in a classroom setting (in person).

During distance learning, communication is carried out through the platform

Microsoft Teams, as well as via email, Viber messengers

(through groups created in Viber for each group separately through the head of the group).

Calendar-thematic plans for practical classes are posted in the materials of the department on the blog of the ONMedU library at the link (<https://info.odmu.edu.ua/chair/dermatology/>)

Workouts are carried out offline and online in Microsoft Teams.

ANNOTATION OF THE COURSE

The subject of the discipline is actual problems of dermatology, venereology.

Prerequisites: knowledge, skills and abilities are required to master the discipline such medical and biological physics, microbiology, virology and immunology, physiology, pathophysiology, clinical pharmacology, internal medicine, surgery.

Postrequisites: knowledge, skills and abilities in the discipline necessary for the study of internal diseases, surgery, neurology, infectious diseases, epidemiology, ophthalmology, otolaryngology, oncology, endocrinology, resuscitation, occupational safety in the industry.

The purpose of teaching the academic discipline is to provide higher education recipients with medical knowledge about the etiology, clinic, methods of diagnosis, treatment and prevention of dermatological and venereal diseases, as well as to teach higher education recipients to evaluate the clinical signs of dermatoses and sexually transmitted diseases, to draw up a plan for examining a patient to establish a diagnosis , evaluate the diagnostic criteria of diseases, draw up a treatment plan, write prescriptions for medicinal substances used for the treatment of dermatoses and sexually transmitted diseases.

Tasks:

1. Acquisition of skills and abilities of a general examination of a dermatovenerological patient (examination, assessment of skin changes, determination of proliferative, exudative, cavity and cavity-free, congenital and acquired primary and secondary morphological elements, monomorphism and polymorphism of the rash, palpation, percussion, scraping, determination of dermatographism, implementation diascopy, Balzer's iodine test, symptoms of Nikolsky, Meshchersky, instrumental studies).

2. Acquisition of practical skills for diagnosis and differential diagnosis of the most common diseases of the skin, mucous membrane of the mouth and diseases transmitted mainly by sexual means;
3. Acquiring the skills of organizing consultations of specialist doctors to establish a final diagnosis;
4. Learning modern methods of therapy and prevention of skin and venereal diseases;
5. Acquisition of practical skills regarding the collection of the necessary biomaterial for laboratory research (scales, nails, pus, serum, blood, etc.) and the ability to correctly interpret them;
6. Acquisition of skills and abilities to provide emergency aid in case of fainting, shock, allergic reactions; referral of patients to a special medical and preventive institution;
7. Acquisition of skills in the use of lotions, pastes, aerosols, lotions, etc.
8. Acquiring skills and abilities to prepare medical documentation - patient's outpatient cards;
9. Formation of moral, ethical and deontological qualities during professional communication with the patient.

Expected learning outcomes. As a result of studying the academic discipline, the student must:

Know:

1. The structure and functions of the skin, its appendages and mucous membranes.
2. Skin diseases and sexually transmitted diseases based on etiological factors and pathomorphological manifestations, special dermatovenerological terminology.
3. Etiology, pathogenesis and pathomorphology of the most common skin diseases and sexually transmitted diseases.
4. Clinical signs and course of skin diseases and sexually transmitted diseases.
5. Principles of diagnosis and the basis of differential diagnosis of skin diseases and sexually transmitted diseases.
6. Standards of rational treatment of dermatovenerological diseases (topical and systemic therapy).
7. Basics of primary and secondary prevention of skin and venereal diseases. Principles of medical and psychological rehabilitation of patients with dermatovenerological pathology.
8. Methods of psychoprophylactic work with patients with skin and venereal diseases.

Be able:

1. To determine the etiological and pathogenetic factors of the appearance and subsequent clinical course of the most common skin and venereal diseases in humans.
2. Describe pathological dermatological and venereological conditions.
3. Make a preliminary diagnosis of the most common dermatovenerological diseases on the basis of clinical and anamnestic data.
4. Describe the patient's dermatovenerological conditions.
5. Prescribe laboratory and/or instrumental examination, carry out differential diagnosis of dermatoses and sexually transmitted diseases
6. Determine the basic principles of treating patients according to their diagnosis.
7. Determine the tactics of managing a patient with skin diseases and sexually transmitted diseases.
8. Prescribe rational topical and systemic therapy.
9. Assess the psychological state of a patient with skin and venereal pathology.
10. Use methods of clinical and psychological testing of patients to determine their psychological state.
11. To determine the tactics of further psychological support of the patient, in the case of a chronic long-term course of the disease.
12. To conduct a survey, review and registration of the medical history

DESCRIPTION OF THE DISCIPLINE

Forms and methods of teaching

The discipline will be taught in the form of lectures (6 hours), practical classes (54 hours), organization of independent work of the applicant (30 hours).

In the process of teaching the discipline, various teaching methods are used:

- verbal methods: educational narrative, conversation, educational discussion (they allow you to clarify the key issues of the topic of the lesson and integrate into the process of theoretical analysis the survey of higher education applicants), instruction, work with methodical developments, methodical manuals, a textbook;
- visual methods: demonstration of multimedia materials using an LCD screen on the topics of clinical practice, as well as work at the patient's bedside (examination of clinical cases during a visit to the department or using an electronic database);

- practical methods: exercise (solving a situational clinical problem with the formulation of a diagnosis, its justification and answering questions to it; work with test tasks according to the KROC-2 type; practical work at the patient's bedside with clinical analysis and open discussion.

Types of educational activities of students of higher education according to the curriculum are: a) practical classes, b) independent work (IWS).

Thematic plans of practical classes and IWS ensure the implementation in the educational process of all topics that are part of the content sections.

Practical classes are held at the department's clinical facilities. The methodology for organizing clinical seminar classes requires the following:

- make a higher education student a participant in the process of providing medical care to patients from the moment of their hospitalization, examination, diagnosis, differential diagnosis, treatment until discharge from the hospital;
- master professional practical skills: skills of working in a team of higher education recipients, doctors, other participants in the provision of medical care;
- to form the responsibility of higher education seekers as a future specialist according to the level of their training, its improvement during training and professional activity.

Independent work: independent work with recommended basic and additional literature, with electronic information resources, independent mastering of algorithms of communication with the patient.

Tasks for independent work in the form of questions from the list of IWS topics are included in the oral interview, written work (during the clinical session).

Content of the academic discipline:

1. Introduction to dermatology. History of the development of dermatology. Anatomy and histology of normal skin and its appendages. Pathomorphological changes of the skin and mucous membranes. Primary and secondary morphological elements.
2. Methods of examining a dermatovenerological patient. Principles of treatment of skin diseases.
3. Parasitic skin diseases: scabies, pediculosis.
4. Parasitic diseases of the skin: demodicosis, cutaneous leishmaniasis (Borovsky's disease).
5. Pustular skin diseases: staphyloiderma.
6. Pustular skin diseases: streptoderma, staphylostreptoderma.
7. Tuberculosis of the skin.
8. Leprosy.
9. Viral dermatoses. Clinic, diagnosis, treatment

10. Keratomycosis. Dermatomycosis. Clinical manifestations, laboratory diagnostics, therapy and prevention, clinic, principles of treatment and prevention.
11. Trichomycosis. Candidiasis. Clinical manifestations, laboratory diagnosis, therapy and prevention.
12. Deep mycoses. Clinic, diagnosis, treatment.
13. Dermatitis. Toxicoderma. Clinic, diagnosis, treatment.
14. Atopic dermatitis. Neck itch. Clinic and treatment.
15. Eczema. Clinic and treatment.
16. Psoriasis. Parapsoriasis. Diagnosis, clinic, treatment.
17. Lichen planus. Zhiber's pink lichen. Diagnosis, clinic, treatment.
18. Bullous dermatoses. Clinic, diagnosis, treatment.
19. Syphilis: immunity, reinfection, superinfection, serodiagnosis. Primary syphilis.
20. Secondary syphilis.
21. Tertiary syphilis. Congenital syphilis.
22. Gonorrhea and its complications.
23. Non-gonorrheal diseases of the genitourinary organs.
24. Genital viral infection.
25. Tropical trepanematoses. Soft chancre. Venereal lymphogranuloma.
26. HIV infection – main dermatological aspects.
27. Credit test.

List of recommended literature:

Main:

1. Dermatology and venereology: Textbook for students institutions of vocational pre-university and higher education. 2nd ed., pp. Approved by the Ministry of Health / V.I. Stepanenko, A.I. Chobotar, S.O. Bondar et al. K., 2020.
2. Dermatology. Venereology. T.V. Svyatenko, I.V. Svystunov. Publisher: New book, 2021, p. 656.
3. Dermatology and venereology: a study guide for the preparation of students of higher medical education institutions in the specialty "Medicine" on the topics presented for independent work / O.I. Denisenko, M.P. Perepichka, M.Yu. Gaevska [and others]. Chernivtsi, 2019.
4. Workshop on dermatology and venereology / V. I. Stepanenko, A. I. Chobotar, S. O. Bondar. Kyiv: Medicine, 2018.
5. Dermatology, venereology / According to the general edition of O.O. The season - Guide for students, masters of higher educational institutions. – Lviv: DrukZahid LLC, 2017.

6. Dermatology, venereology in questions and answers / Edited by O.O. The season - Guide for students, masters of higher educational institutions. – Lviv: DrukZahid LLC, 2017.

7. Electronic catalog of the ONMedU library (<https://library.odmu.edu.ua/catalog/>)

EVALUATION

Forms of control and assessment methods (including evaluation criteria learning outcomes)

Current control: oral survey, testing, solution of situational clinical tasks, assessment of activity in class.

Final control: test.

Evaluation of the current educational activity in a practical / seminar / laboratory session:

is carried out during a seminar based on theoretical knowledge and practical skills and abilities, for which the following forms of control are used:

- oral survey;
- blitz survey;
- control of practical skills (work at the patient's bedside) - control by the teacher, self-control;
- control of the solution of a situational clinical problem with a diagnosis, its justification and the answer to the question at the end of the lesson (written control);
- oral/written answers to questions on SRS topics in accordance with the calendar and thematic plan;
- assessment of class activity.

The grade for one seminar session is the arithmetic average of all components and can only have a whole value (5, 4, 3, 2), which is rounded according to the statistical method.

Current assessment criteria for practical/seminar/laboratory sessions

Score	Assessment criterion
Excellent «5»	Has a fluent command of the material, takes an active part in discussing and solving a situational clinical problem, confidently demonstrates practical skills during the examination of a patient, expresses his opinion on the subject of the lesson, demonstrates clinical thinking.
Good «4»	Has a good command of the material, takes part in the discussion and solution of a situational clinical problem, demonstrates practical skills during the examination of a patient with some errors, expresses his opinion on the topic of the lesson, demonstrates clinical thinking.

Satisfactory «3»	Does not have sufficient knowledge of the material, takes part in the discussion and solution of the situational clinical problem without confidence, demonstrates practical skills during the examination of the patient with significant errors.
Unsatisfactory «2»	Does not possess the material, does not take part in the discussion and solution of the situational clinical problem, does not demonstrate practical skills during the examination of the patient and the interpretation of clinical, laboratory and instrumental research data.

Forms and methods of final control: a test is awarded to an applicant who has completed all the tasks of the work program of the academic discipline, took an active part in practical classes, completed and defended an individual assignment and has an average current grade of at least 3.0 and has no academic debt.

The test is carried out: in the last lesson before the start of the examination in a cyclic training system. The grade for the test is the arithmetic average for all components on a traditional four-point scale and has a value that is rounded according to the statistical method with two decimal places after the decimal point.

Evaluation of knowledge (division of scores):

The average score for the initial discipline for students who successfully completed the work program of the initial discipline is converted from the traditional 4-point scale to a 200-point scale, as shown in the table:

Conversion table of traditional to multi-point

Traditional four-point scale	Multipoint 200-point scale
Excellent («5»)	185 – 200
Good («4»)	151 – 184
Satisfactory («3»)	120 – 150
Unsatisfactory («2»)	Less than 120

A multi-point scale (200-point scale) characterizes the actual success of each applicant in learning the educational component. The conversion of the traditional grade (average score for the academic discipline) into a 200-point grade is performed by the information and technical department of the University. According to the obtained points on a 200-point scale, the achievements of the applicants are evaluated according to the ECTS rating scale. Further ranking according to the ECTS rating scale allows you to evaluate the achievements of students from the educational component who are studying in the same course of the same specialty, according to the points they received. The ECTS scale is a relative-comparative rating, which establishes the applicant's belonging to the group of better or worse among the reference group of fellow students (faculty, specialty). An "A" grade on the ECTS scale cannot be equal to an "excellent" grade, a "B" grade to a "good" grade, etc. When converting from a multi-point scale, the limits of grades "A", "B", "C", "D", "E" according to the ECTS scale do not coincide with the limits of grades "5", "4", "3" according to the traditional scale. Acquirers

who have received grades of "FX" and "F" ("2") are not included in the list of ranked acquirers. The grade "FX" is awarded to students who have obtained the minimum number of points for the current learning activity, but who have not passed the final examination. A grade of "F" is given to students who have attended all classes in the discipline, but have not achieved a grade point average (3.00) for the current academic activity and are not admitted to the final examination. Applicants who study in one course (one specialty), based on the number of points scored in the discipline, are ranked on the ECTS scale as follows:

Conversion of the traditional grade from the discipline and the sum of points on the ECTS scale

Score on the ECTS scale	Statistical indicator
A	The best 10% students
B	Next 25% students
C	Next 30% students
D	Next 25% students
E	Next 10% students

Possibility and conditions of obtaining additional (bonus) points: not provided.

INDEPENDENT WORK

Independent work, which is provided by the topic of the lesson along with classroom work, is evaluated during the current control of the topic in the corresponding lesson. Independent work involves preparation for each.

EDUCATIONAL DISCIPLINE POLICY

Deadlines and Rescheduling Policy:

- Absences of classes for non-respectable reasons are worked out according to the schedule of the teacher on duty.

Absences for valid reasons are worked out according to an individual schedule with the permission of the dean's office. Work-up of missed classes according to an individual schedule is carried out in full at a time specially determined by the head/department head by the teacher every day, but no more than one class per day at the department.

Academic Integrity Policy:

Applicants must observe academic integrity, namely:

- independent performance of all types of work, tasks, forms of control provided for by the work program of this educational discipline;
- references to sources of information in the case of using ideas, developments, statements, information;
- compliance with the legislation on copyright and related rights;

- provision of reliable information about the results of one's own educational (scientific) activity, used research methods and sources of information.

Unacceptable in educational activities for participants of the educational process are:

- using family or official ties to obtain a positive or higher grade during any form of control of learning outcomes or academic performance;
- use of prohibited auxiliary materials or technical means (cheat sheets, notes, micro-earphones, telephones, smartphones, tablets, etc.) during control measures;
- passing procedures for control of training results by fake persons.

For violation of academic integrity, students may be held to the following academic responsibility:

- a decrease in the results of assessment of control work, assessment in class, credit, etc.;
- retaking the assessment (control work, credit, etc.);
- appointment of additional control measures (additional individual tasks, control works, tests, etc.);
- conducting an additional inspection of other works authored by the violator.

Attendance and Tardiness Policy:

Uniform: a medical gown that completely covers the outer clothing, or medical pajamas, a cap, a mask, and a change of shoes.

Equipment: notebook, pen, phonendoscope.

State of health: applicants suffering from acute infectious diseases, including respiratory diseases, are not allowed to attend classes.

A student who is late for class can attend it, but if the teacher has put "nb" in the journal, he must complete it in the general order.

Use of mobile devices:

Mobile devices may be used by students with the permission of the instructor if they are needed for the assignment.

Behavior in the audience:

The behavior of applicants and teachers in the classrooms must be working and calm, strictly comply with the rules established by the Regulations on academic integrity and ethics of academic relations at Odessa National Medical University, in accordance with the Code of Academic Ethics and University Community Relations of Odessa National Medical University, Regulations on Prevention and detection of academic plagiarism in research and

educational work of higher education applicants, scientists and teachers of Odesa National Medical University.